

Contents

Marine Geology Volume 136, 1996/1997

Research Papers

Geochemistry and mineralogy of alkali basalts from Tropic Seamount, Central Atlantic Ocean N. Blum, P. Halbach and U. Münch	1
Volcaniclastic processes on modern submarine arc stratovolcanoes: sidescan and photographic evidence from the Rumble IV and V volcanoes, southern Kermadec Arc (SW Pacific) I.C. Wright	21
Genesis of apatite in the phosphatized limestones of the western continental shelf of India V. Purnachandra Rao and M. Lamboy	41
Authigenic carbonates derived from oxidized methane vented from the Makran accretionary prism off Pakistan U. von Rad, H. Rösch, U. Berner, M. Geyh, V. Marchig and H. Schulz	55
Submerged sand ridges on the western continental shelf off Bombay, India: evidence for Late Pleistocene–Holocene sea-level changes B.G. Wagle and M. Veerayya	79
Holocene coastal sedimentation in the Eastern English Channel: New data from the Romney Marsh region, United Kingdom A.J. Long, A.J. Plater, M.P. Waller and J.B. Innes	97

Discussion

Origin of beach ridges: Comment on Tanner, W.F., 1995. <i>Origin of beach ridges and swales</i> . <i>Mar. Geol.</i> , 129: 149–161. J.R. Curry	121
Origin of beach ridges: Reply W.F. Tanner	127

Research Papers

Massive sediment bypassing on the lower shoreface offshore of a wide tidal inlet—Cat Island Pass, Louisiana B.E. Jaffe, J.H. List and A.H. Sallenger	131
Calibration and application of marine sedimentary physical properties using a multi-sensor core logger M.E. Weber, F. Niesson, G. Kuhn and M. Wiedicke	151
Recent sediment accumulation, organic carbon burial and transport in the northeastern North Sea H. de Haas and T.C.E. van Weering	173
Tropical Atlantic terrigenous fluxes since 25,000 yrs B.P W.F. Ruddiman	189
Composition and origin of volcanic ash zones in Late Quaternary sediments from the Reykjanes Ridge: evidence for ash fallout and ice-rafting K. Lackschewitz, H-J. Wallrabe-Adams	209
Sr–Nd isotopes as tracers of fine-grained detrital sediments: the South-Barbados accretionary prism during the last 150 kyr P. Mario, J-C. Faugères, F. Grousset and C. Pujol	225
Stratigraphic numerical modelling of a carbonate platform on the Romanche transverse ridge, equatorial Atlantic L. Gasperini, E. Bonatti, M. Ligi, R. Sartori, A. Borsetti, A. Negri, A. Ferrari and S. Sokolov	245
Seismic stratigraphy, BSR distribution, and venting of methane rich fluids west off Paramushir and Onekotan islands, northern Kurils C. Gaedicke, B.V. Baranov, A.I. Obzhirov, E.P. Lelikov, I.N. Belykh, E.I. Basov	259
Interelement relationships in ferromanganese crusts from the central Pacific ocean: Their implications for crust genesis X. Wen, E.H. DeCarlo and Y.H. Li	277
Palaeoceanographic conditions during the formation of a ferromanganese crust from the Afanasiy-Nikitin seamount, North Central Indian Ocean: geochemical evidence V.R. Banakar, J.N. Pattan and A.V. Mudholkar	299

Book Reviews

<i>Sedimentographica: A Photographic Atlas of Sedimentary Structures</i> , by F. Ricci Lucchi —K.A.W. Crook	317
<i>The Sea Floor: An Introduction to Marine Geology</i> , by E. Seibold and W. H. Berger —C. Robert	319
<i>Identifying Marine Diatoms and Dinoflagellates</i> , by C. R. Tomas (Editor)—C. Sancetta	321

